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LISTING OF THE CLAIMS

1 1. (Currently Amended) A method for doing performing call
2 classification on-a-call-to for a destination endpoint on a call, comprising
3 the steps of:
4 receiving audio information from the destination endpoint;
5 analyzing using automatic speech recognition analysis
6 calculations the received audio information for a first type of classification
7 words;
8 analyzing using the automatic speech recognition analysis
9 calculations the received audio information for a second type of
10 classification wherein the second type of classification is for identification
11 tones in the audio information; and
12 determining a call classification for the destination endpoint in
13 response to the analysis of the words first type of classification and the
14 analysis of the tones second type of classification.

1 2. (Canceled).

1 3. (Canceled).

1 4. (Currently Amended) The method of claim 2 1 wherein the
2 analysis for the second type of classification tones is analyzing the audio
3 information for identifying a set of tones.

1 5. (Canceled)

1 6. (Currently Amended) The method of claim 1 5 wherein the
2 step of analyzing for words the first type of classification is responsive to
3 the detection of speech in the audio information to enable the step of

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4 executing a Hidden Markov Model to determine the presence of words in
5 the audio information.

1 7. (Original) The method of claim 6 wherein the step of
2 executing comprises the step of using a grammar for speech.

1 8. (Currently Amended) The method of claim 6 wherein the
2 step of analyzing for ~~tones the second type of classification~~ is responsive
3 to ~~the detection of tone in~~ the audio information to enable the step of
4 executing a Hidden Markov Model to determine the presence of tones in
5 the audio information.

1 9. (Original) The method of claim 8 wherein the step of
2 executing comprises the step of using a grammar for tones.

1 10. (Original) The method of claim 8 wherein the step of
2 determining comprises the step of executing an inference engine.

1 11. (Currently Amended) A method for doing performing call
2 classification ~~on a call to~~ for a destination endpoint on a call, comprising
3 the steps of:

4 receiving audio information from the destination endpoint;
5 detecting for speech ~~or tones~~ in received audio information;
6 analyzing using automatic speech recognition the received
7 audio information for words in response to the detection of speech
8 indicating a presence of speech;
9 analyzing using automatic speech recognition the received
10 audio information for ~~identification of~~ tones in response to the detection of
11 speech indicating an absence of speech tones; and

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12 determining a call classification for the destination endpoint in
13 response to the analysis of words or the analysis of tones.

1 12. (Original) The method of claim 11 wherein the step of
2 analyzing for speech comprises the step of executing a Hidden Markov
3 Model to determine the presence of words in the audio information.

1 13. (Original) The method of claim 12 wherein the step of
2 executing comprises the step of using a grammar for speech.

1 14. (Original) The method of claim 12 wherein the step of
2 analyzing for tones comprises the step of executing a Hidden Markov
3 Model to determine the presence of tones in the audio information.

1 15. (Original) The method of claim 14 wherein the step of
2 executing comprises the step of using a grammar for tones.

1 16. (Original) The method of claim 15 wherein the step of
2 determining comprises the step of executing an inference engine.

1 17. (Currently Amended) A method for doing performing call
2 classification by a automatic speech recognition unit on a call to a
3 destination endpoint on a call, comprising the steps of:
4 receiving audio information from the destination endpoint by the
5 automatic speech recognition unit;
6 analyzing using automatic speech recognition analysis
7 calculations the received audio information for words a ~~first~~ ~~type~~ ~~of~~
8 classification by the automatic speech recognition unit;
9 analyzing using the automatic speech recognition analysis
10 calculations the received audio information for tones a ~~second~~ ~~type~~ ~~of~~

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11 classification wherein the analysis for the second type of classification is
12 analyzing the audio information for identification of tones by the
13 recognition unit; and

14 determining a call classification for the destination endpoint in
15 response to the analysis for words of the first type of classification and the
16 analysis for tones of the second type of classification by the automatic
17 speech recognition unit.

1 18. (Canceled).

1 19. (Original) The method of claim 17 ~~18~~ wherein the analyzed
2 words are formed as phrases.

1 20. (Withdrawn)

1 21. (Canceled).

1 22. (Currently Amended) The method of claim 24 ~~17~~ wherein
2 the step of analyzing for words the first type of classification is responsive
3 to the detection of speech in the audio information to enable the step of
4 executing a Hidden Markov Model to determine the presence of words in
5 the audio information.

1 23. (Original) The method of claim 22 wherein the step of
2 executing comprises the step of using a grammar for speech.

1 24. (Currently Amended) The method of claim 22 wherein the
2 step of analyzing for words the second type of classification is responsive
3 to the detection of tone in the audio information to enable the step of

4 executing a Hidden Markov Model to determine the presence of tones in
5 the audio information.

1 25. (Original) The method of claim 24 wherein the step of
2 executing comprises the step of using a grammar for tones.

1 26. (Original) The method of claim 24 wherein the step of
2 determining comprises the step of executing an inference engine.

1 27. (Currently Amended) A call classifier for determining the
2 call classification of a called destination endpoint, comprising:
3 an automatic speech recognizer for identifying detecting words
4 ~~first characteristics~~ in audio information received from the called
5 destination endpoint;
6 the automatic speech recognizer further identifying tones in the
7 audio information received from the called destination endpoint; and
8 inference engine for classifying the call in response to the
9 automatic speech recognizer.

1 28. (Canceled).

1 29. (Currently Amended) The call classifier of claim 27 28
2 wherein the words are formed into phrases.

1 30. (Withdrawn)

1 31. (Previously Presented) The call classifier of claim 27
2 wherein the automatic speech recognizer is executing a Hidden Markov
3 Model.